

## A B S T R A C T

TRANSMISSION PACKETS OF THE SAME LENGTH AND OF DIFFERENT  
STRUCTURE

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The invention relates to apparatus adapted to sending transmission packets of predetermined length, which apparatus comprises formatting means suitable for formatting a first type of packet (B1) from a first training sequence (TS1) and a first information sequence (IS1). In order to send a second information sequence (IS2) that is longer than the first information sequence (IS1), the formatting means (F) are also designed to format a second type of packet (B2) from a second training sequence (TS2) that is shorter than the first training sequence (TS1) and from the second information sequence (IS2), said means (F) formatting a packet of a type that is identified by an identification signal (Id). The invention also provides apparatus adapted to receiving transmission packets compatible with the above apparatus.

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